Index of Claims

| Applicat | tion/Con | trol No. |
|----------|----------|----------|
|----------|----------|----------|

09/857,362

Examiner

Brian Roberts

Applicant(s)/Patent under Reexamination

HESSING ET AL.

Art Unit

2662

Rejected Allowed

(Through numeral) Cancelled ÷ Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Claim | Date | | | | | | | С | Date | | | | | | | | CI | aim | Date | | | | | | | | | | | | | |
|-------------------|--------|-----------|---------------|---------|-------------------------|--------------|--|-----------------|-----------|----------|----|----------|----------|----------|----------|----------|----------|----------|----------|---------------|---|-------------|------------|--|----------|----------|----------|----------|----------|----------|----------|-----|
| _ - | 15 | 4 | - | | ĺ | Ì | | | Ĭ | | . | <u>,</u> | | | | | . | | | - | | | <u>=</u> | | | | | l | ı | ı | | |
| Final Original | 13 | בטומוס- | -1 | | | | | | | Final | . | Original | | | - 1 | | | | | - | | Final | Original | | | | | l | | | | |
| ᄪᆝᇎ | | 2 | | | | | | | | 证 | 1: | รัไ | | . | - | 1 | | | | - | | iŒ | Ç | | | | | | | | | |
| | -13 | ۲ | 4_ | ╙ | $oldsymbol{\perp}$ | <u> </u> | <u> </u> | Ш | _ | | | | _ | _ | _ | | 4 | _ | 4 | _ _ | 1 | <u></u> | | | Щ | \Box | _ | | | _ | | |
| 7 | 1 | 4 | _ | ╄ | ↓_ | ╄ | Ļ | Ш | _ | <u> </u> | | 51 | _ | _ | 4 | 4 | _ | 4 | 4 | | 4 | <u></u> | 101 | | Щ | | _ | | _ | 4 | _ | |
| 1 4 | 4 | 4 | | ↓_ | \bot | \vdash | | \sqcup | _ | <u> </u> | | 2 | _ | _ | _ | _ | _ | 4 | \dashv | \perp | 1 | | 102 | | Ш | | | _ | _ | _ | _ | |
| 3 | 1 | 4 | | ╀ | 4_ | ļ | _ | | _ | | | 53 | _ | _ | _ | _ | _ | 4 | \dashv | _ | 4 | | 103 | | | | | _ | _ | | _ | |
| 1 1 | + | + | - | ╄ | + | ╄ | H | \sqcup | | | | 54 | \dashv | | - | - | | - | 4 | + | 4 | | 104 | | Н | _ | | _ | | _ | - | |
| 1 1 | + | + | + | ╁ | ╀ | ╀ | ⊢ | \vdash | | | | 55 | | | | - | - | + | _ | - | 4 | | 105 | | Н | | _ | | | | - | |
| 1 | ╀ | + | - - | ╀ | ┿ | ┢ | ⊢ | H | - | - | | 56 57 | | | | - | - | + | + | + | - | | 106 107 | | Н | | | | \dashv | - | | |
| 8 | ╁ | + | + | + | ╁ | ╁ | ⊢ | \vdash | \dashv | | + | 58 | | \dashv | \dashv | + | - | + | -+ | | 1 | | 107 | | Н | | | | | \dashv | | |
| 1 8 | + | + | + | ╁ | ╁ | ╁╌ | \vdash | ┥ | \dashv | - | | 59 | \dashv | \dashv | - | \dashv | \dashv | + | \dashv | | - | | 109 | | Н | -1 | | | | \dashv | \dashv | |
| 10 | ╁ | + | + | ╁ | ╁ | ╁╌ | ┢┈ | ╁ | \dashv | - | | 30 | \dashv | \dashv | ᆉ | | \dashv | \dashv | \dashv | + | 1 | - | 110 | H | Н | | | \dashv | | \dashv | \dashv | |
| 117 | + | + | \dashv | ╁ | +- | + | ╁─╴ | $\vdash \vdash$ | \dashv | \vdash | | 30 | \dashv | 1 | | 111 | | \vdash | \dashv | Н | \dashv | - | \dashv | \dashv | |
| 1/2 | | + | + | + | + | + | 1- | \vdash | \dashv | | | 52 | \dashv | - | - | + | \dashv | \dashv | 十 | \dashv | 1 | — | 112 | _ | H | \dashv | \vdash | - | \vdash | - | \dashv | _ |
| 13 | + | + | + | + | + | \vdash | 1- | \vdash | \dashv | | | 33 | \dashv | \dashv | - | + | -+ | \dashv | _ | \dashv | 1 | \vdash | 113 | | H | _ | | \dashv | \vdash | \dashv | \dashv | |
| 14 | + | + | \top | T | \dagger | 1 | \vdash | \vdash | \dashv | | | 34 | _ | \dashv | _ | \dashv | \dashv | 十 | 十 | | 1 | | 114 | | H | | | | | 1 | \dashv | |
| 15 | \top | \top | \top | † | \top | † | | \sqcap | \dashv | | | 35 | \dashv | \neg | \neg | \neg | 一 | 寸 | 寸 | | 1 | | 115 | | М | | | М | | 一 | | |
| 16 | \top | \dagger | 十 | \top | \top | | \vdash | | \neg | | | 66 | 7 | T | | | 寸 | \dashv | 寸 | 十 | 1 | | 116 | | П | | | | | | | |
| -17 | + | \top | \top | 1 | 1 | 1 | \vdash | \Box | \neg | | 16 | 57 | ╗ | 一 | \neg | \neg | _ | 寸 | 7 | \top | 1 | | 117 | | П | П | | | | \neg | | |
| 18 | | 7 | \top | T | Т | | | П | | | 16 | 38 | 一 | \neg | \neg | ヿ | ヿ | \neg | \neg | | 1 | | 118 | | | | | | | | | |
| 19 | 1 | T | T | 1 | T | | 1 | П | | | 7 | 39 | | | \neg | ヿ | \Box | | | |] | | 119 | | | | | | | | | |
| 20 | П | T | | | | Ī | | | | | | 70 | | | | | | | | |] | | 120 | | | | | | | | | |
| 21 | | | | | | Γ | | | | | | 71 | | | | | | | | |] | | 121 | | | | | | | | | |
| 22 | | П | | | | | | Ш | | | | 72 | | | | \Box | | | | \perp |] | | 122 | | | | | | | | | |
| 23 | | Ц | \bot | | 1 | 1_ | <u> </u> | | | | | 73 | | _ | | _ | | _ | _ | | ╛ | | 123 | | Ш | | | | Ш | _ | | |
| 24 | | Щ | | | ╧ | 1_ | | Ш | _ | <u> </u> | | 74 | _ | | | _ | _ | \dashv | _ | | 1 | | 124 | | Ш | | | | | _ | \dashv | |
| 25 | | Щ | | ╄ | 4 | <u> </u> | | | _ | | | 75 | _ | \dashv | _ | _ | _ | 4 | - | - | 4 | <u> </u> | 125 | | _ | | | | | _ | _ | |
| 26 | | 4 | | ╀- | ┿ | ╄ | <u> </u> | | _ | ļ | | 76 | _ | _ | _ | _ | | | 4 | 4 | 4 | <u> </u> | 126 | | _ | | | | | _ | _ | |
| 27 | | 4 | | ╁- | - | ╄ | | | _ | <u> </u> | | 77 | - | \dashv | | | \dashv | \dashv | -+ | + | 4 | <u> </u> | 127 | | | _ | | | | _ | _ | |
| 28 | | 4 | + | + | +- | ╀ | ├ | | _ | · | | 78 | | - | \dashv | \dashv | - | - | - | | 4 | <u> </u> | 128 | _ | H | | | | _ | - | - | |
| 30 | | + | - | ╀ | + | +- | ├ | \vdash | | - | +: | 79 30 | | \dashv | \dashv | \dashv | \dashv | + | - | | 4 | ├ | 129 130 | H | \vdash | \vdash | | - | | \dashv | \dashv | |
| 31 | | + | + | + | ╁ | ╀ | ┿ | - | - | | | 30 31 | \dashv | - | \dashv | \dashv | \dashv | \dashv | ┪ | + | ┨ | - | 131 | <u> </u> | - | | | H | | | \dashv | |
| 31 | | + | + | + | + | + | ⊢ | ╁╌┧ | - | | | 32 | \dashv | \dashv | | | | \dashv | \dashv | + | ┨ | <u> </u> | 132 | _ | \vdash | | Н | \vdash | | - | - | - |
| 33 | | ╁ | | ╁ | ╁ | ╁ | \vdash | \vdash | \dashv | <u> </u> | | 33 | \dashv | | \dashv | \dashv | \dashv | + | - | + | ┨ | - | 133 | - | H | | | - | Н | - | \dashv | |
| 34 | | + | + | + | + | +- | +- | \vdash | \dashv | \vdash | | 33 34 | | \dashv | 1 | | 134 | \vdash | Н | \vdash | \vdash | Н | \vdash | | \dashv | _ |
| 35 | | 1 | + | + | + | + | +- | \vdash | \dashv | - | | 35 | \dashv | - | - | \dashv | \dashv | \dashv | \dashv | \dashv | 1 | | 135 | \vdash | \vdash | - | ├ | - | - | - | - | |
| 36 | | + | + | +- | + | + | \vdash | \vdash | \dashv | - | | 36 | \dashv | | - | \dashv | \dashv | \dashv | \dashv | 十 | 1 | | 136 | | \vdash | | Н | Н | Н | \dashv | | |
| 37 | | + | - | + | + | †- | 1 | Н | \dashv | | | B7 | - | \dashv | | \neg | \dashv | \dashv | \dashv | \dashv | 1 | | 137 | \vdash | \vdash | Н | \vdash | Н | Н | - | - | |
| 38 | | + | \dashv | T | \top | \top | t | \Box | \dashv | | | 88 | \dashv | \vdash | \neg | \dashv | | 十 | \dashv | 十 | 1 | | 138 | <u> </u> | Г | П | | | | | | |
| 39 | | \top | $\neg \vdash$ | 1 | 1 | T | 1 | \sqcap | \dashv | | | 39 | | \neg | | | \sqcap | \dashv | \dashv | $\neg \vdash$ | 1 | | 139 | | П | П | | | | \neg | | |
| 40 | | す | $\neg \vdash$ | 1 | 1 | 1 | 1 | П | \neg | | | 90 | | | \neg | 一 | \Box | 7 | \dashv | 1 | 1 | | 140 | | П | | | | | \Box | | |
| 41 | \top | \top | \top | Τ | T | | | П | \neg | | 7 | 91 | | | \Box | | | _ | | |] | | 141 | | | | | | | | | |
| 42 | | Ţ | | I^{-} | | | | | | | 7 | 92 | | | 1 | | | J | | |] | | 142 | | | | | | | | | |
| 43 | I | _[| 丁 | Ι | I | $oxed{\Box}$ | | | | | 7 | 93 | | | | | | | | | | | 143 | | | | | | | | | |
| 44 | | | | I | $oldsymbol{\mathbb{L}}$ | | | | | | | 94 | | | | | | | \Box | |] | | 144 | | | | | | | | | |
| 45 | | \prod | | | | | | | | | | 95 | | | | | | | \Box | | ╛ | | 145 | 匚 | | \Box | | | | | | |
| 46 | | \perp | | | | L | | | | | | 96 | |] | |] | | _[| _[| \perp | 1 | | 146 | | <u> </u> | | <u> </u> | | <u> </u> | | | |
| 47 | | \perp | | L | L | _ | $oxed{oxed}$ | Ш | | | | 97 | | | _ | | | | _ | | 1 | <u></u> | 147 | $oxed{oxed}$ | <u> </u> | <u> </u> | <u> </u> | | | \sqcup | | |
| 48 | | \perp | | 1 | | 1 | ļ_ | Ш | Ц | | 4 | 98 | | Ш | | | | _ | _ | \perp | 4 | | 148 | Щ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | | _ | _ |
| 49 | | 4 | | ╀ | 1 | 1_ | _ | Ш | \square | | 15 | 99 | _ | Ш | | | Щ | _ | _ | | 4 | <u> </u> | 149 | ļ | ┞- | <u> </u> | ـــــ | <u> </u> | | \sqcup | | |
| 50 | 上 | \perp | | 上 | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш | | <u> </u> | 1 | 00 | | لـــا | | | \sqcup | | | | J | L | 150 | <u> </u> | <u> </u> | <u>L</u> | L_ | <u></u> | | | | L., |